

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/549,352B
Source: IFWP
Date Processed by STIC: 2/1/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 02/01/2007

PATENT APPLICATION: US/10/549,352B

TIME: 12:22:39

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Output Set: N:\CRF4\02012007\J549352B.raw

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 4 PAINE, Jacqueline Ann Mary
 5 SHIPTON, Catherine Ann
 7 <120> TITLE OF INVENTION: Enhanced Accumulation of Carotenoids in Plants
 9 <130> FILE REFERENCE: 70237USPCT
 11 <140> CURRENT APPLICATION NUMBER: US 10/549,352B
 12 <141> CURRENT FILING DATE: 2005-09-14
 14 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/001241
 15 <151> PRIOR FILING DATE: 2004-03-24
 17 <150> PRIOR APPLICATION NUMBER: US60/457,053
 18 <151> PRIOR FILING DATE: 2003-03-22
 20 <160> NUMBER OF SEQ ID NOS: 38
 22 <170> SOFTWARE: PatentIn version 3.2
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 25 <211> LENGTH: 5630
 26 <212> TYPE: DNA
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 29 <220> FEATURE:
 30 <222> LOCATION: 1-839 ✓
 31 <223> OTHER INFORMATION: Oryza sp.
 33 <220> FEATURE:
 34 <222> LOCATION: 863-1052 ✓
 35 <223> OTHER INFORMATION: Intron from catalase gene
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 46 <222> LOCATION: 2763-3016 ✓
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 58 <222> LOCATION: 4124-5356 ✓
 59 <223> OTHER INFORMATION: Zea mays
 61 <220> FEATURE:
 62 <222> LOCATION: 5377-5630 ✓

see pg 1, 4
Does Not Comply
Corrected Diskette Needed

entire sequence needs explanation;
therefore, what is the
source for nucleotides

840-862?
 1053-1092?
 2743-2762?
 3017-3031?
 3891-3893?
 4084-4123?
 5357-5376?

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63 <223> OTHER INFORMATION: Agrobacterium tumefaciens

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Output Set: N:\CRF4\02012007\J549352B.raw

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*what about nucleotides at locations
 840-862?
 1053-1092?
 2743-2762?
 3017-3031?
 3871-3893?
 4084-4123?
 5357-5376?*

*Please correct these
 types of errors in
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405	gttctctcac	cccgataaag	aaacccttaa	gcaatgtgca	aagtttgcat	tctccactga	3300
407	cataatgcaa	aataagatat	catcgatgac	atagcaactc	atgcatcata	tcatgcctct	3360
409	ctcaacctat	tcattcctac	tcctctacat	aagtatcttc	agctaaatgt	tagaacataa	3420
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427	tctagttttt	ctccttcatt	ttcttggtta	ggaccctttt	ctctttttat	ttttttgagc	3960
429	tttgatcttt	ctttaaactg	atctattttt	taattgattg	gttatcgtgt	aaatattaca	4020
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VERIFICATION SUMMARY

DATE: 02/01/2007

PATENT APPLICATION: US/10/549,352B

TIME: 12:22:40

Input Set : F:\70237USPCT Substitute Seq List II.txt

Output Set: N:\CRF4\02012007\J549352B.raw